

Amendments to the Claims

Claim 1 (**Currently Amended**) An information recording/reproduction device for successively recording or reproducing continuous data, the information recording/reproduction device comprising:

an interface operable to exchange for exchanging data with an external device;

a disk controller operable to modulate or demodulate for modulating/demodulating data to be record on or reproduced from, respectively, reproduce the data onto a disk as an information recording medium;

a memory for temporarily storing the data to be recorded on the disk or data reproduced from the disk;

a recording/reproduction circuit operable to record the for recording data on the disk or reproducing reproduce the data from the disk; and

a CPU for controlling the disk controller, wherein

———when the recording/reproduction circuit is to record or reproduction of reproduce a predetermined sector number of second data data is to be performed, initially, recording or reproduction of data is performed from a position on the disk where data recording or reproduction becomes possible with a command being issued, based on an issuance of a recording command or a reproduction command, respectively, immediately after a predetermined sector number of first data is recorded or reproduced:

———successively from a position on the disk where recording or reproduction of the second data has become possible with the issuance of the recording command or the reproduction command, the recording/reproduction circuit records the second data from the predetermined sector number in respectively corresponding recording positions on the disk or reproduces the second data from the predetermined sector number which are recorded in the respectively corresponding recording positions on the disk, respectively, and

———after the recording or reproduction of the second data from the predetermined sector number, with respect to a portion of the second data prior to the predetermined sector number which has not been recorded or reproduced, the recording/reproduction circuit records the portion of the second data in respectively corresponding recording positions on the disk or reproduces the portion of the second data which are recorded in the respectively corresponding

~~recording positions on the disk, respectively, at a next rotation of the disk followed by recording or reproduction of data corresponding to the subsequent positions, and thereafter, recording or reproduction of data corresponding to each position of a part on the disk where data recording or reproduction has not been performed, is performed.~~

Claim 2 (Currently Amended) The information recording/reproduction device as defined in Claim 1, wherein

the second data is a DV (Digital Video) signal.

Claim 3 (Currently Amended) The information recording/reproduction device as defined in Claim 2, wherein

the recording/reproduction circuit records or reproduces the DV signal in units of frames,
and

the position and the respectively corresponding recording positions on the disk are logical block addresses on the disk

~~when recording or reproduction of a DV signal is to be performed, initially, the DV signal is treated in units of frames, and recording or reproduction of a DV signal is performed from a LBA on the disk where recording or reproduction of the DV signal becomes possible with a command being issued, followed by recording or reproduction of DV signals corresponding to the subsequent LBAs, and thereafter, recording or reproduction of a DV signal corresponding to each LBA of a part on the disk where DV signal recording or reproduction has not been performed, is performed.~~

Claim 4 (Currently Amended) An information recording/reproduction method for successively recording or reproducing data on/from a disk, the information recording/reproduction method as an information recording medium, wherein comprising:

~~initially, recording or reproduction of data is performed from a LBA on the disk where recording or reproduction of data becomes possible with a command being issued and tracking being completed, followed by recording or reproduction of data corresponding to the subsequent LBAs, and thereafter, recording or reproduction of data corresponding to each LBA of a part on the disk where data recording or reproduction has not been performed, is performed~~

when recording or reproducing of a predetermined sector number of second data is to be performed based on an issuance of a recording command or a reproduction command, respectively, issued after detecting a completion of tracking and immediately after a predetermined sector number of first data is recorded or reproduced:

successively from a logical block address on the disk where recording or reproduction of the second data has become possible, recording the second data from the predetermined sector number in respectively corresponding logical block addresses on the disk or reproducing the second data from the predetermined sector number which are recorded in the respectively corresponding logical block addresses on the disk, respectively; and

after the recording or reproducing of the second data from the predetermined sector number, with respect to a portion of the second data prior to the predetermined sector number which has not been recorded or reproduced, recording the portion of the second data in respectively corresponding logical block addresses on the disk or reproducing the portion of the second data which are recorded in the respectively corresponding logical block addresses on the disk, respectively, at a next rotation of the disk.

Claim 5 (Currently Amended) An information recording/reproduction method for successively recording or reproducing continuous data on/from a disk, the information recording/reproduction method as an information recording medium, wherein comprising:

~~— a LBA from which recording or reproduction of data is to be started is previously decided to be a value larger than a LBA at which recording or reproduction of data becomes possible with a command being issued, and recording or reproduction of data is performed from a LBA on the disk from which recording or reproduction of data is to be started with a command being issued, followed by recording or reproduction of data corresponding to the subsequent LBAs, and thereafter, recording or reproduction of data corresponding to each LBA of a part on the disk where data recording or reproduction has not been performed, is performed~~

when recording or reproducing of a predetermined sector number of second data is to be performed based on an issuance of a recording command or a reproduction command, respectively, issued immediately after a predetermined sector number of first data is recorded or reproduced, a logical block address from which recording or reproduction of the second data is to be started being predetermined as being higher than a logical block address at which recording or

reproduction has become possible after the issuance of the recording command or the reproduction command:

successively from the logical block address on the disk where recording or reproduction of the second data is to be started, recording the second data from the predetermined sector number in respectively corresponding logical block addresses on the disk or reproducing the second data from the predetermined sector number which are recorded in the respectively corresponding logical block addresses on the disk, respectively; and

after the recording or reproducing of the second data from the predetermined sector number, with respect to a portion of the second data prior to the predetermined sector number which has not been recorded or reproduced, recording the portion of the second data in respectively corresponding logical block addresses on the disk or reproducing the portion of the second data which are recorded in the respectively corresponding logical block addresses on the disk, respectively, at a next rotation of the disk.

Claim 6 (**Currently Amended**) The information recording/reproduction method as defined in Claim 5, wherein

the logical block address-LBA from which recording or reproduction of data is to be started started, is ~~previously decided~~ a first logical block address ~~separately~~ for data recording and a second, different logical block address for data reproduction.

Claim 7 (**Currently Amended**) The information recording/reproduction method as defined in Claims 4, wherein

the second data is a DV signal.

Claim 8 (**Currently Amended**) The information recording/reproduction method as defined in Claim 7, wherein

the recording or reproducing of the DV signal comprises recording or reproducing the DV signal ~~is treated~~ in units of frames.

Claim 9 (**Currently Amended**) The information recording/reproduction method as defined in Claim 5, wherein

the second data is a DV signal.

Claim 10 (**Currently Amended**) The information recording/reproduction method as defined in Claim 6, wherein

the second data is a DV signal.

Claim 11 (**Currently Amended**) The information recording/reproduction method as defined in Claim 9, wherein

the recording or reproducing of the DV signal comprises recording or reproducing the DV signal ~~is treated~~ in units of frames.

Claim 12 (**Currently Amended**) The information recording/reproduction method as defined in Claim 10, wherein

the recording or reproducing of the DV signal comprises recording or reproducing the DV signal ~~data is in units of frames a DV signal~~.